# BRUHATH BANGALORE MAHANAGARA PALIKE

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

## MEASUREMENT SHEET

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |

## Description

| | |
|---|---|
| **Item No : 35** | Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to Brick masonry including rounding off corners wherver required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.External Plastering GROUND FLOOR complete as per the direction of the Engineer in-charge. |

**Measurement Recorded on:-**

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| External plastering | | | | | | | | | |
| Southern side | Sqm | 3 | 6.00 | | | | 3.60 | 64.80 | |
| | Sqm | 1 | 6.23 | | | | 3.60 | 22.43 | |
| Bathrooms | Sqm | 2 | 3.11 | | | | 3.60 | 22.39 | |
| Columns | Sqm | 4 | 0.67 | | | | 3.60 | 9.65 | |
| | Sqm | 2 | 0.45 | | | | 3.60 | 3.24 | |
| Northen side | Sqm | 3 | 6.00 | | | | 3.60 | 64.80 | |
| | Sqm | 1 | 3.60 | | | | 3.60 | 12.96 | |

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|---|---|---|---|---|---|---|---|---|---|
| | Sqm | 1 | 2.40 | | | | 3.60 | 8.64 | |
| Bathrooms | Sqm | 2 | 3.11 | | | | 3.60 | 22.39 | |
| Columns | Sqm | 4 | 0.67 | | | | 3.60 | 9.65 | |
| | Sqm | 2 | 0.45 | | | | 3.60 | 3.24 | |
| E/S | Sqm | 2 | 10.95 | | | | 3.60 | 78.84 | |
| | Sqm | 2 | 5.00 | | | | 3.60 | 36.00 | |
| | Sqm | 1 | 8.05 | | | | 3.60 | 28.98 | |
| W/S | Sqm | 1 | 17.21 | | | | 3.60 | 61.96 | |
| | Sqm | 1 | 5.80 | | | | 3.60 | 20.88 | |
| | Sqm | 1 | 7.50 | | | | 3.60 | 27.00 | |
| | Sqm | 1 | 11.20 | | | | 3.60 | 40.32 | |
| | | | | | | | | | |
| Chjejjas | 2 | 26 | 2.10 | | | | 0.60 | 65.52 | |
| | 2 | 4 | 3.12 | | | | 0.60 | 14.98 | |
| Garden passage area | Sqm | 1 | 13.30 | | | | 3.45 | 45.89 | |
| | Sqm | 1 | 17.60 | | | | 3.45 | 60.72 | |
| | Sqm | 2 | 6.46 | | | | 3.45 | 44.57 | |
| Compound wall | 2 | 1 | 48.40 | | | | 2.00 | 96.80 | |
| | | | | | | | | 866.64 | |
| Deductions:- | | | | | | | | | |
| Entrance door | 0.5 | 1 | 2.10 | | | | 2.40 | 2.52 | |
| Windows | 0.5 | 29 | 1.80 | | | | 1.50 | 39.15 | |
| V1 | 0.5 | 22 | 0.75 | | | | 0.60 | 4.95 | |

S.D.O. A.E.E (P) R. Nagar

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Doors | 0.5 | 2 | 0.9 | | | | 2.10 | 1.89 | |
| | 0.5 | 8 | 1.20 | | | | 2.40 | 11.52 | |
| | Sqm | | | | | | | 60.03 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 806.61 | |
| | | | | | | | **Qty Paid on This Bill** | **806.61** | |

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |

**Description**

| | |
|---|---|
| **Item No : 36** | Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to concrete wall including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Extra for providing and mixing waterproofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:4, 18mm thick cost of materials complete as per specifications. Outside plastering for Sump , complete as per the direction of the Engineer in-charge. |

**Measurement Recorded on:-**

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| outside plastering | Sqm | | | | | | | | |
| RCC wall shuttering outside | 1 | 2 | 6.10 | | | | 2.40 | 29.28 | |

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R.R. Nagar

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|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3.75 | | | | 2.40 | 18.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 47.28 | |
| | | | | | | | **Qty Paid on This Bill** | **47.28** | |

A.E.E (P)
R.R Nagar

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP



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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |

**Description**

| | |
|---|---|
| **Item No : 37** | Providing 18m thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. complete as per the direction of the Engineer in-charge. |

**Measurement Recorded on:-**

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Corrider portion | Sqm | 4 | 3.12 | | | | 3.45 | 43.06 | |
| | Sqm | 4 | 0.88 | | | | 3.45 | 12.08 | |
| | Sqm | 4 | 1.62 | | | | 3.45 | 22.36 | |
| | Sqm | 4 | 1.43 | | | | 3.45 | 19.73 | |
| | Sqm | 4 | 3.50 | | | | 3.45 | 48.30 | |
| | Sqm | 4 | 3.12 | | | | 3.45 | 43.06 | |
| wash basin area | Sqm | 4 | 9.09 | | | | 3.45 | 125.44 | |
| Entrance area to dormitory | Sqm | 4 | 8.42 | | | | 3.45 | 116.20 | |
| utility passage | 2 | 4 | 6.46 | | | | 3.45 | 178.30 | |
| | | | | | | | | | |

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R.R.Nagar

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|---|---|---|
| Total Qty | 608.51 | |
| **Qty Paid on This Bill** | **608.51** | |

Contractor

QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |

**Description**

**Item No : 45** — Applying Red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. complete as per the direction of the

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| W | 2 | 3 | 2.00 | | | | 1.50 | 18.00 | |
| W1 | 2 | 36 | 1.80 | | | | 1.50 | 194.40 | |
| | 2 | 1 | 1.20 | | | | 1.20 | 2.88 | |
| | 2 | 1 | 0.75 | | | | 1.20 | 1.80 | |
| | 2 | 1 | 0.75 | | | | 1.50 | 2.25 | |
| V | 2 | 6 | 1.50 | | | | 0.60 | 10.80 | |
| V1 | 2 | 1 | 1.00 | | | | 0.60 | 1.20 | |
| V2 | 2 | 25 | 0.75 | | | | 0.60 | 22.50 | |
| CG | 2 | 1 | 2.10 | | | | 2.40 | 10.08 | |
| | | | | | | | | 263.91 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 263.91 | |
| | | | | | | | **Qty Paid on This Bill** | **263.91** | |

A.E.E (P)
R.R. Nagar

Contractor

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

ME OF WORK: Construction of Old age homes and other buildings in JP PARK ward 17.

| | |
|---|---|
| imate Cost | 500.00Lakhs |
| Code No | 017-19-000016 (P-3494) |
| No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| derd Amount (Rs) | 4,41,02,582.76 |
| me of the agency: | K R GOVINDARAJU. |
| l No : | 3rd and part Bill. |

**Description**

| | |
|---|---|
| em No : 48 | Providing and fixing Special make glazed Vitrified tiles of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special adhesive for flooring, skirting and jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc., cost of materials, mortar, labour etc., complete as per specification. complete as per the direction of the Engineer in-charge. |

**Measurement Recorded on:-**

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Dormitary | Sqm | 4 | 10.50 | | | 6.00 | | 252.00 | |
| Skirting | Sqm | 4 | 33.00 | | | 0.15 | | 19.80 | |
| TV Room | Sqm | 1 | 10.50 | | | 6.00 | | 63.00 | |
| Skirting | Sqm | 1 | 33.00 | | | 0.15 | | 4.95 | |
| Library | Sqm | 1 | 10.50 | | | 6.00 | | 63.00 | |
| Skirting | Sqm | 1 | 33.00 | | | 0.15 | | 4.95 | |
| Reception | Sqm | 1 | 7.59 | | | 4.27 | | 32.41 | |

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R.R. Nagar

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|---|---|---|---|---|---|---|---|---|---|
| Passage | Sqm | 1 | 3.58 | | | 2.10 | | 7.52 | |
| Skirting | Sqm | 1 | 30.85 | | | 0.15 | | 4.63 | |
| Office | Sqm | 1 | 2.52 | | | 3.12 | | 7.86 | |
| Skiritng | Sqm | 1 | 11.28 | | | 0.15 | | 1.69 | |
| Clinic | Sqm | 1 | 4.71 | | | 3.18 | | 14.98 | |
| Clinic passage | Sqm | 1 | 2.65 | | | 1.96 | | 5.19 | |
| skirting | Sqm | 1 | 7.06 | | | 0.15 | | 1.06 | |
| Warden Room | Sqm | 1 | 3.18 | | | 4.71 | | 14.98 | |
| Warden Room Passage | Sqm | 1 | 2.65 | | | 1.96 | | 5.19 | |
| skirting | Sqm | 1 | 22.79 | | | 0.15 | | 3.42 | |
| Wall Cladding | | | | | | | | | |
| Clinic | Sqm | 1 | 19.70 | | | | 1.50 | 29.55 | |
| Dining Hall | Sqm | 1 | 37.34 | | | | 1.50 | 56.01 | |
| Serving Counter | Sqm | 1 | 13.85 | | | | 1.50 | 20.78 | |
| kitchen | Sqm | 1 | 29.49 | | | | 1.50 | 44.24 | |
| storage | Sqm | 1 | 13.33 | | | | 1.50 | 20.00 | |
| Utility | Sqm | 1 | 16.91 | | | | 1.50 | 25.37 | |

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|---|---|---|---|---|---|---|---|---|---|
| Corridor wall | Sqm | 1 | 110.00 | | | | 1.50 | 165.00 | |
| | | | | | | | | | |
| Deductions:- | | | | | | | | | |
| D1 | -1 | -10 | 1.20 | | | | 1.50 | -18.00 | |
| D2 | -1 | -2 | 0.90 | | | | 1.50 | -2.70 | |
| CG | -1 | -1 | 2.00 | | | | 1.50 | -3.00 | |
| W1 | 2 | -6 | 1.80 | | | | 1.50 | -32.40 | |
| | -1 | -5 | 1.80 | | | | 1.50 | -13.50 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 797.96 | |
| | | | | | | | **Qty Paid on This Bill** | **797.96** | |

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |

**Description**

| | |
|---|---|
| **Item No : 49** | Flooring with 25mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS. complete as per the direction of the Engineer in-charge. |

**Measurement Recorded on:-**

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Dining Hall | Sqm | 1 | 12.00 | | | 6.67 | | 80.04 | |
| Serving counter | Sqm | 1 | 3.85 | | | 3.08 | | 11.86 | |
| Kitchen | Sqm | 1 | 8.85 | | | 5.90 | | 52.22 | |
| Storage | Sqm | 1 | 2.82 | | | 3.85 | | 10.86 | |
| Skiriting | Sqm | 1 | 13.33 | | | 0.20 | | 2.67 | |
| Utiliity | Sqm | 1 | 3.50 | | | 4.38 | | 15.33 | |

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R.R. Nagar

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|---|---|---|---|---|---|---|---|---|---|
| | Sqm | 1 | 1.62 | | | 1.38 | | 2.24 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 175.20 | |
| | | | | | | | **Qty Paid on This Bill** | **175.20** | |

A.E.E (P)
R.R. Nagar

Contractor

CIVIL QUALITY CONSULTANTS & ENGINEERS
Bangalore

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |

**Description**

| | |
|---|---|
| **Item No : 54** | Providing ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size 30x30cms, complete as per the direction of the |

**Measurement Recorded on:-**

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Office toilet | Sqm | 1 | 2.52 | | | 3.12 | | 7.86 | |
| Clinic toilet | Sqm | 1 | 2.00 | | | 1.80 | | 3.60 | |
| Warden toilet | Sqm | 1 | 2.00 | | | 1.80 | | 3.60 | |
| Utility toilet | Sqm | 1 | 2.00 | | | 1.50 | | 3.00 | |
| Dormitory toilet | | | | | | | | | |
| Bath | Sqm | 8 | 2.00 | | | 1.50 | | 24.00 | |
| Passage area | Sqm | 4 | 3.50 | | | 1.50 | | 21.00 | |
| | Sqm | 4 | 1.20 | | | 1.65 | | 7.92 | |

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|---|---|---|---|---|---|---|---|---|---|
| | Sqm | 4 | 0.90 | | | 1.65 | | 5.94 | |
| WC | Sqm | 12 | 1.50 | | | 1.20 | | 21.60 | |
| | | | | | | | | | A.E.E (P) |
| | | | | | | | Total Qty | 98.52 | R. Nagar |
| | | | | | | | **Qty Paid on This Bill** | **98.52** | |

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |

**Description**

| | |
|---|---|
| **Item No : 55** | Providing skirting, dadoing, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. complete as per the direction of the Engineer in-charge. |

**Measurement Recorded on:-**

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| kitchen platform | Sqm | 1 | 11.60 | | | | 0.75 | 8.70 | |
| stores | Sqm | 1 | 11.50 | | | | 0.75 | 8.63 | |
| Office toilet | Sqm | 2 | 4.80 | | | | 2.10 | 20.16 | |
| Office toilet passage | Sqm | 1 | 8.63 | | | | 2.10 | 18.12 | |
| Clinic toilet | Sqm | 1 | 7.54 | | | | 2.10 | 15.83 | |
| Warden room toilet | Sqm | 1 | 7.54 | | | | 2.10 | 15.83 | |
| Utility toilet | Sqm | 1 | 7.00 | | | | 2.10 | 14.70 | |
| Dormitory toilet | Sqm | | | | | | | | |
| Bath | Sqm | 8 | 7.00 | | | | 2.10 | 117.60 | |
| WC | Sqm | 12 | 5.40 | | | | 2.10 | 136.08 | |
| Bathroom Corrdior portion | Sqm | 4 | 11.00 | | | | 2.10 | 92.40 | |

A.E.E (P) R.R.Nagar

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Wash basin area | Sqm | 4 | 9.09 | | | | 2.10 | 76.36 | |
| Entrance | Sqm | 1 | 8.05 | | | | 2.10 | 16.91 | |
| | | | | | | | | 541.32 | |
| Deductions:- | | | | | | | | | |
| D1 | 1 | 5 | 1.20 | | | | 1.50 | 9.00 | |
| D3 | 1 | 25 | 0.75 | | | | 2.10 | 39.38 | |
| | | | | | | | | 48.38 | |
| | | | | | | | Total Qty | 492.94 | |
| | | | | | | | **Qty Paid on This Bill** | **492.94** | |

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 56** | Providing TEAK WOOD frames of doors, windows, clerestory windows, and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Entrance Door | Cum | 1 | 9.30 | | | 0.10 | 0.15 | 0.14 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 0.14 | |
| | | | | | | | **Qty Paid on This Bill** | **0.14** | |

A.E.E (P)
R.R. Nagar

Contractor

CIVIL QUALITY CONSULTANTS & ENGINEERS

Consultant Representative

B.K. Ramakrishna
Assistant Engineer(P)
RR Nagara,BBMP

B.K. Ramakrishna
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward no.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| AG No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| WO No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 57** | Providing Honne Wood frames of doors, windows, clerestory windows, and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| D1 | Cum | 17 | 5.10 | | | 0.125 | 0.075 | 0.81 | |
| D2 | Cum | 2 | 6.40 | | | 0.125 | 0.075 | 0.12 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 0.93 | |
| | | | | | | | **Qty Paid on This Bill** | **0.93** | |

A.E.E(P) R.R.Nagar

Contractor

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

B.K. Govindaraju
Assistant Engineer(P)
RR Nagara,BBMP

B.K. Govindaraju
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 59** | Providing and fixing flush door shutter made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification. complete as per the direction of the Engineer |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| D1 | Sqm | 17 | 1.20 | | | | 2.10 | 42.84 | |
| D2 | Sqm | 2 | 1.00 | | | | 2.10 | 4.20 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 47.04 | |
| | | | | | | | **Qty Paid on This Bill** | **47.04** | |

A.E.E (P) R.R. Nagar

Contractor

Consultant Representative

B. K. Govindaraju
Assistant Engineer(P)
RR Nagara,BBMP

B. K. Govindaraju
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 63** | Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| W | 1 | 3 | 2.00 | | | | 1.50 | 9.00 | |
| W1 | 1 | 36 | 1.80 | | | | 1.50 | 97.20 | |
| | 1 | 1 | 1.20 | | | | 1.20 | 1.44 | |
| | 1 | 1 | 0.75 | | | | 1.20 | 0.90 | |
| | 1 | 1 | 0.75 | | | | 1.50 | 1.13 | |
| | 1 | 1 | 0.75 | | | | 0.60 | 5.40 | |
| V | 1 | 6 | 1.50 | | | | 0.60 | 0.60 | |
| V1 | 1 | 1 | 1.00 | | | | 0.60 | 11.25 | |
| V2 | 1 | 25 | 0.75 | | | | | | |

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R.R. Nagar

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CG | 1 | 1 | 2.10 | | | | 2.40 | 5.04 | |
| | | | | | | | | 131.96 | |
| | | | | | | | 18kg | 2375.19 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 2375.19 | |
| | | | | | | | **Qty Paid on This Bill** | **2375.19** | |

A.E.E (P)
R.R. Nagar

Contractor

QUALITY CONSULTANTS & ENGINEERS
Bangalore

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 65** | Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| MD | 1 | 1 | | | | | | 1.00 | |
| D1 | 1 | 17 | | | | | | 17.00 | |
| D2 | 1 | 2 | | | | | | 2.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 20.00 | |
| | | | | | | | **Qty Paid on This Bill** | **20.00** | |

A.E.E (P)
R.R. Nagar

Contractor

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

B K. Govindaraju
Assistant Engineer(P)
RR Nagara,BBMP

B K. Govindaraju
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 68** | Providing & fixing CI Nahani trap of approved make confirming to ISI specification and construction of cistren in M 15 as per directions, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Nos | 50 | | | | | | 50.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 50.00 | |
| | | | | | | | **Qty Paid on This Bill** | **50.00** | |

A.E.E (P) R.R. Nagar

Contractor

Consultant Representative

B.K.

Assistant Engineer(P)
RR Nagara,BBMP

B.K.

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 69** | Providing and fixing in un plasticised PVC Connection pipe with brass union 15 mm nominal bore 450 mm length of PVC connection including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications. complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Mtr | 1 | 25.00 | | | | | 25.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 25.00 | |
| | | | | | | | **Qty Paid on This Bill** | **25.00** | |

A.E.E (P)
R.R. Nagar

Contractor

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 70** | Providing and fixing in position 25 mm nominal bore gun metal non return valve horizantal type of approved make including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications. complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Nos | 2 | | | | | | 2.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 2.00 | |
| | | | | | | | **Qty Paid on This Bill** | **2.00** | |

A.E.E (P) R.R. Nagar

Contractor

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

B.K. Govindaraju
Assistant Engineer(P)
RR Nagara,BBMP

B.K. Govindaraju
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 71** | Providing and fixing to wall, ceiling and floor , High density polyethylene pipes 6.00 kgf /sqcm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications. a) 63 mm dia complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Mtr | 1 | 20.00 | | | | | 20.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 20.00 | |
| | | | | | | | **Qty Paid on This Bill** | **20.00** | |

A.E.E (P)
R.R. Nagar

Contractor

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 72** | Providing and fixing to wall, ceiling and floor , High density polyethylene pipes 6.00 kgf /sqcm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications. b) 75 mm dia complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Mtr | 1 | 20.00 | | | | | 20.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 20.00 | |
| | | | | | | | **Qty Paid on This Bill** | **20.00** | |

A.E.E (P)
R.R.Nagar

Contractor

QUALITY CONSULTANTS & ENGINEERS CIVIL Bangalore

Consultant Representative

B.K.

Assistant Engineer(P)
RR Nagara,BBMP

B.K.

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 73** | Providing and fixing to wall, ceiling and floor , High density polyethylene pipes 6.00 kgf /sqcm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications. c) 90 mm dia complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Mtr | 1 | 25.00 | | | | | 25.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 25.00 | |
| | | | | | | | **Qty Paid on This Bill** | **25.00** | |

A.E.E (P)
R.R. Nagar

Contractor

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 74** | Providing and fixing to wall, ceiling and floor , High density polyethylene pipes 6.00 kgf /sqcm working pressure 63 mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour and HOM of equipments with alll leads complete as per specifications. d) 110 mm dia complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Mtr | 1 | 62.00 | | | | | 62.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 62.00 | |
| | | | | | | | **Qty Paid on This Bill** | **62.00** | |

A.E.E(P) R.R. Nagar

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 75** | Providing & Fixing in position heavy duty C P grating with frame of below mentioned sizes including jointing and fixing material complete.a) 75 mm dia complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Mtr | 1 | 50.00 | | | | | 50.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 50.00 | |
| | | | | | | | **Qty Paid on This Bill** | **50.00** | |

EE (P) R.R. Nagar

Contractor

Consultant Representative

B.K.
Assistant Engineer(P)
RR Nagara,BBMP

B.K.
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 76** | Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride ( CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing the pipes with the clamp at 1.00 mtr spacing . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete ( Internal works ) ( Concealed work including cutting chases and good the walls etc.) A)15mm dia pipe nominal OD pipes , complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Mtr | 4 | 7.50 | | | | | 30.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 30.00 | |
| | | | | | | | **Qty Paid on This Bill** | **30.00** | |

A.E.E (P)
R.R. Nagar

Contractor

QUALITY CONSULTANTS & ENGINEERS CIVIL Bangalore

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 77** | Providing and fixing to wall, ceiling and floor chlorinated poly vinyl chloride ( CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all cpvc plain and brasss threaded fittings including fixing the pipes with the clamp at 1.00 mtr spacing . This includes joining of pipes fittings with one set of cpvc solvent cement and testing of joints complete ( Internal works ) ( Concealed work including cutting chases and good the walls etc.) B)20mm dia pipe nominal OD pipes, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Mtr | 4 | 25.00 | | | | | 100.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 100.00 | |
| | | | | | | | **Qty Paid on This Bill** | **100.00** | |

A.E.E(P) R.R. Nagar

Contractor

Consultant Representative

B.K. Ramakrishna
Assistant Engineer(P)
RR Nagara,BBMP

B.K. Ramakrishna
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 78** | Providing and fixing unplastisied PVC Pipes 10 Kg/Sq Cm working pressure Chemp plast/ Wavin or equavalent make with pipe fittings making good the floor, including cost of materials, labour charges, HOM of equipement & testing complete as per specifications.A) 110 mm dia, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Sanitary Line | Mtr | 1 | 37.00 | | | | | 37.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 37.00 | |
| | | | | | | | **Qty Paid on This Bill** | **37.00** | |

A.E.E (P)
R.R. Nagar

Contractor

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 79** | Providing and fixing unplastisied PVC Pipes 10 Kg/Sq Cm working pressure Chemp plast/ Wavin or equavalent make with pipe fittings making good the floor, including cost of materials, labour charges, HOM of equipement & testing complete as per specifications.B) 160 mm dia, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Sanitary Line | Mtr | 1 | 210.00 | | | | | 210.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 210.00 | |
| | | | | | | | **Qty Paid on This Bill** | **210.00** | |
| | | | | | | | **Up to 125%** | **62.50** | |
| | | | | | | | **Above 125%** | **147.50** | — |

A.E.E (P) B.R. Nagar

Contractor

Consultant Representative

B. K.
Assistant Engineer(P)
RR Nagara,BBMP

B. K.
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 80** | Providing stone ware gully trap of approved quality and fixing in C C 1:2:4 and plastering with C M 1:3 where ever necessary (Rate including cost of all materials, fixtures and lead). complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Nos | 10 | | | | | | 10.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 10.00 | |
| | | | | | | | **Qty Paid on This Bill** | **10.00** | |

A.E.E (P) R.R. Nagar

Contractor

Consultant Representative

B. K. Govindaraju
Assistant Engineer(P)
RR Nagara,BBMP

B.C. Govindaraju
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

# BRUHATH BANGALORE MAHANAGARA PALIKE

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

## MEASUREMENT SHEET

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| Item **No : 81** | Constructing brick masonry inspection chamber 600 x 600 mm , and 450 mm depth, ( clear dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600x600 mm internal dimensions, total weight of cover with frame to be not less than 38 kg ( weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications, complete as per the direction of the |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | each | 5 | | | | | | 5.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 5.00 | |
| | | | | | | | **Qty Paid on This Bill** | **5.00** | |

A.E.E (P) R.R.Nagar

Contractor

Consultant Represntative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward No.17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| Item **No : 82** | Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, ( clear inside dimension ) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 450x450 mm internal dimensions, total weight of cover with frame to be not less than 38 kg ( weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications, complete as per the |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | each | 10 | | | | | | 10.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 10.00 | |
| | | | | | | | **Qty Paid on This Bill** | **10.00** | |

A.E.E (P)
R.R. Nagar

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

| | |
|---|---|
| NAME OF WORK: | Construction of Old age homes and other buildings in JP PARK ward |
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| AG No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| WO No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 83** | depth beyond 450 mm and brick masonry chamber with table moulded non-modular bricks of class designation 50 in cement mortar 1:5, for every 150 mm depth or part there of including cost of materials, labour charges, curing complete as per specifications, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | each | 10 | | | | | | 10.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 10.00 | |
| | | | | | | | **Qty Paid on This Bill** | **10.00** | |

A.E.E (P)
R.R. Nagar

Contractor

CONSULTANTS & ENGINEERS

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

| | |
|---|---|
| NAME OF WORK: | Construction of Old age homes and other buildings in JP PARK ward |
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 84** | Constructing brick masonry inspection chamber 500x700mm, and 450mm depth, ( clear inside dimension ) for pipeline with one are two inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 450x450 mm internal dimensions, total weight of cover with frame to be not less than 38 kg ( weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M15 with 20mm and downsize granite metal, foundation concrete M5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications complete as per the direction of the Engineer in-charge |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | each | 2 | | | | | | 2.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 2.00 | |
| | | | | | | | **Qty Paid on This Bill** | **2.00** | |

A.E.E (P)
R.R. Nagar

Contractor

CIVIL UTILITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

B.K.

Assistant Engineer(P)
RR Nagara,BBMP

B.K.

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

| | |
|---|---|
| NAME OF WORK: | Construction of Old age homes and other buildings in JP PARK ward |
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 85** | depth beyond 450 mm and brick masonry chamber with table moulded non-modular bricks of class designation 50 in cement mortar 1:5,for every 150 mm depth or part there of including cost of materials, labour charges, curing complete as per specifications, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | each | 2 | | | | | | 2.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 2.00 | |
| | | | | | | | **Qty Paid on This Bill** | **2.00** | |

A.E.E (P) R.R. Nagar

Contractor

CIVIL QUALITY CONSULTANTS ENGINEERS

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

Scanned by TapScanner

**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

| | |
|---|---|
| Name OF WORK: | Construction of Old age homes and other buildings in JP PARK ward |
| Estimate Cost | 500.00Lakhs |
| A/S Code No | 017-19-000016 (P-3494) |
| A/S No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| T/S No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| W/O No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Tendered Amount (Rs) | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Name of the agency: | 4,41,02,582.76 |
| Bill No : | K R GOVINDARAJU. |
| **Item No : 86** | 3rd and part Bill. |
| | Making wall bores in brick masonry walls up to 0.45 Cm Thick. Including cost materials, labours, HOM Complete as per Specification. complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | each | 26 | | | | | | 26.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 26.00 | |
| | | | | | | | **Qty Paid on This Bill** | **26.00** | |

Ck'd EI

A.E.E(P)
R.R. Nagar

Contractor

CITY CONSULTANTS & ENGINEERS

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |
| **Item No : 87** | Making wall bores in Stone masonry walls up to 0.60 to 90 Cm Thick. Including cost materials, labours, HOM Complete as per Specification. complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | each | 15 | | | | | | 15.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 15.00 | |
| | | | | | | | **Qty Paid on This Bill** | **15.00** | |

A.E.E (P) R.R. Nagar

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| **Item No : 93** | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.Cwall a)1-3Way complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Each | 10 | | | | | | 10 2.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 10 2.00 | |
| | | | | | | | **Qty Paid on This Bill** | 10.00 **2.00** | |

A.E.E (P) R.R. Nagar

Qty paid on this Bill -> 10.00

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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**BRUHATH BANGALORE MAHANAGARA PALIKE**

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

**MEASUREMENT SHEET**

| | |
|---|---|
| NAME OF WORK: | Construction of Old age homes and other buildings in JP PARK ward |
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| **Item No : 94** | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.Cwall b)6 Way, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Each | 10 | | | | | | 10.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 10.00 | |
| | | | | | | | **Qty Paid on This Bill** | **10.00** | |

A.E.E(P) R.R.Nagar

Contractor

Consultant Representative

B.K. Govindaraju
Assistant Engineer(P)
RR Nagara,BBMP

B.C. Govindaraju
Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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# BRUHATH BANGALORE MAHANAGARA PALIKE

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

## MEASUREMENT SHEET

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Ag No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Wo No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Item No : 95 | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.Cwall c) 8Way, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/ 2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Each | 30 | | | | | | 30.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 30.00 | |
| | | | | | | | **Qty Paid on This Bill** | **30.00** | |

A.E.E (P) R.R. Nagar

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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# BRUHATH BANGALORE MAHANAGARA PALIKE

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

## MEASUREMENT SHEET

| | |
|---|---|
| NAME OF WORK: | Construction of Old age homes and other buildings in JP PARK ward |
| Estimate Cost | 500.00Lakhs |
| Job Code No | 017-19-000016 (P-3494) |
| AS No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| TS No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| AG No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| WO No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tenderd Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Item **No : 96** | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.Cwall d) 10-12Way, complete as per the direction of the Engineer in-charge. |

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Each | 30 | | | | | | 30.00 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 30.00 | |
| | | | | | | | **Qty Paid on This Bill** | **30.00** | |

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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## BRUHATH BANGALORE MAHANAGARA PALIKE

Assistant Executive Engineer( Project Division), RajaRajeshwari Nagar

## MEASUREMENT SHEET

NAME OF WORK: Construction of Old age homes and other buildings in JP PARK ward no:17.

| | |
|---|---|
| Estimate Cost | 500.00Lakhs |
| Work Code No | 017-19-000016 (P-3494) |
| Tech Sanc No & Date | EE(P)/RRN/AS No/12/2019-20 Date :-13.02.2020 |
| Tech Sanc No & Date | CE/RRN/Ts No.09/2020-21 Date:-15-05-2020. |
| Agreement No & Date | EE(P)/RRN/AG No/48/2020-21 Date :-25.02.2021 |
| Work Order No & Date | EE(P)/RRN/WO No/58/2020-21 Date :-02.03.2021 |
| Tendered Amount (Rs) | 4,41,02,582.76 |
| Name of the agency: | K R GOVINDARAJU. |
| Bill No : | 3rd and part Bill. |

**Description**

| | |
|---|---|
| **Item No : 161** | Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification |

**Measurement Recorded on:-**

| Particulars | Unit | No | L (m) | B1 | B2 | (B1+B2)/2 | D (m) | Qty | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| FOR RETAINING WALL | Cum | 1 | 91.70 | | | 3.20 | 0.20 | 58.69 | |
| Compd wall | Cum | 21 | 1.80 | | | 1.80 | 0.20 | 13.61 | |

A.E.E (P)
R.R. Nagar

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Cum | 1 | 16.90 | | | 0.75 | 0.20 | 2.54 | |
| | | | | | | | | | |
| | | | | | | | Total Qty | 74.83 | |
| | | | | | | | **Qty Paid on This Bill** | **74.83** | |

A.E.E.(P)
RR.Nagar

Contractor

Consultant Representative

Assistant Engineer(P)
RR Nagara,BBMP

Assistant Exe Engineer(P)
Project RR Nagara,BBMP

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